

PATENT ABSTRACTS OF JAPAN

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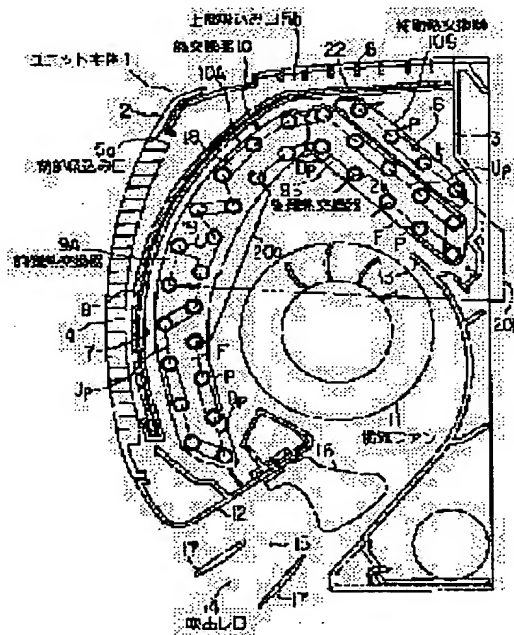
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(54) AIR CONDITIONER

(57)Abstract:

PURPOSE: To provide an air conditioner capable of increasing heat exchange function by increasing the capacity of a heat exchanger and ensuring uniformization of air velocity distribution in the heat exchanger and reduction of fan air noise by providing the heat exchanger formed into an inverted V shape viewed in a side surface.

CONSTITUTION: This air conditioner is provided with a unit body 1 having a front suction inlet 5a, an upper suction inlet 5b, and a blow-off outlet 14 provided therein, a heat exchanger 10 and an transverse flow fan 11 accommodated in the body. The heat exchanger 10 comprises many fins F and a heat exchange pipe P, and a coupling structure of a front heat exchanger 9A folded into an inverted V shape so as to face the front suction inlet and the upper suction inlet and a rear heat exchanger 9B. The fins constituting at least any one heat exchanger of the front heat exchanger and the rear heat exchanger are formed such that the length thereof in the direction of a heat exchange air flow at a location most separated from the transverse flow fan is made longer than the length thereof in the direction of the heat exchange air flow at a location near the air fan.



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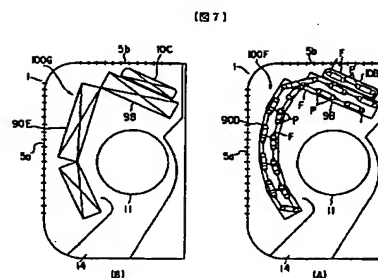
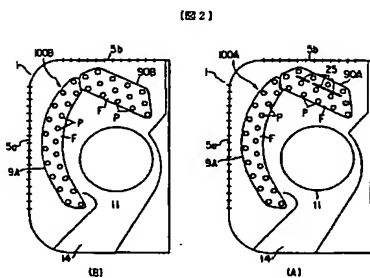
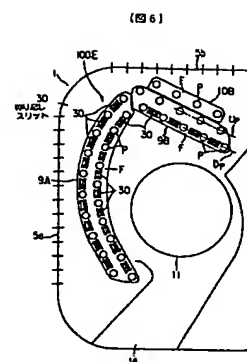
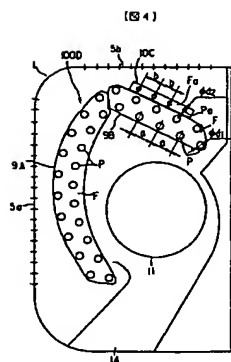
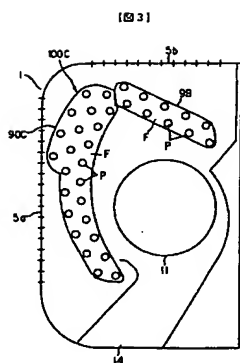
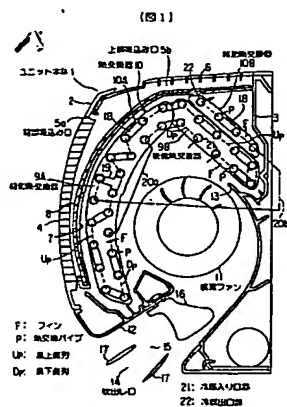
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